

<b>Courage to Soar</b>			
<b>2003 Mathematics</b>			
<b>Academic Content Standards</b>			
<b>Ohio Mathematics</b>			
<b>Grade 3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Soaring Higher	OH	MA.3.1.L.8.a	Use conventional mathematical symbols to write equations for word problems involving multiplication.
Soaring Higher	OH	MA.3.5.C.6	Translate information freely among charts, tables, line plots, picture graphs and bar graphs; e.g., create a bar graph from the information in a chart.
The Flight Timeline	OH	MA.3.4.F.7	Create tables to record, organize and analyze data to discover patterns and rules.
The Flight Timeline	OH	MA.3.5.A.1	Collect and organize data from an experiment, such as recording and classifying observations or measurements, in response to a question posed.
Flying a Styrofoam Plane	OH	MA.3.2.C.5	Estimate and measure length, weight and volume (capacity), using metric and U.S. customary units, accurate to the nearest $\frac{1}{2}$ or $\frac{1}{4}$ unit as appropriate.
Looking for Answers:A research project	OH	MA.3.4.F.7	Create tables to record, organize and analyze data to discover patterns and rules.
Looking for Answers:A research project	OH	MA.3.5.A.1	Collect and organize data from an experiment, such as recording and classifying observations or measurements, in response to a question posed.
Controlling the Plane	OH	MA.3.5.C.6	Translate information freely among charts, tables, line plots, picture graphs and bar graphs; e.g., create a bar graph from the information in a chart.
<b>Courage to Soar</b>			
<b>2003 Mathematics</b>			
<b>Academic Content Standards</b>			
<b>Ohio Mathematics</b>			
<b>Grade 4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Soaring Higher	OH	MA.4.5.B.2	Represent and interpret data using tables, bar graphs, line plots and line graphs.
Soaring Higher	OH	MA.4.5.C.2	Represent and interpret data using tables, bar graphs, line plots and line graphs.
Flying a Styrofoam Plane	OH	MA.4.2.D.6	Write, solve and verify solutions to multi-step problems involving measurement.
Looking for Answers:A research project	OH	MA.4.5.A.1	Create a plan for collecting data for a specific purpose.

<b>Courage to Soar</b>			
<b>2003 Mathematics</b>			
<b>Academic Content Standards</b>			
<b>Ohio Mathematics</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	OH	MA.5.5.E.4	Determine appropriate data to be collected to answer questions posed by students or teacher, collect and display data, and clearly communicate findings.
Soaring Higher	OH	MA.5.5.A.1	Read, construct and interpret frequency tables, circle graphs and line graphs.
The Flight Timeline	OH	MA.5.5.D.3	Read and interpret increasingly complex displays of data, such as double bar graphs.
Looking for Answers:A research project	OH	MA.5.5.D.3	Read and interpret increasingly complex displays of data, such as double bar graphs.
Looking for Answers:A research project	OH	MA.5.5.E.4	Determine appropriate data to be collected to answer questions posed by students or teacher, collect and display data, and clearly communicate findings.